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## DIN EN 14700 T 19 9 L R M 3 (C3)

## CORODUR® TS 308 L

Flux cored wire for joining corrosion-proof Cr-Ni- steels with low carbon content, CORODUR® TS-308L works equally well with stabilised and non-stabilised steels of identical or similar characteristics which are resistant to chemical agents. Used on a base metal of identical characteristics the weld metal is resistant to wet corrosion up to 350 °C and is scale resistant up to 800 °C in an air and oxidising gases atmosphere. There is no intercrystalline corrosion due to low carbon content and the deposits are capable of taking high polish.



1.4306 X2CrNi19–11 1.4541 X6CrNiTi18–10 1.4301 X5CrNi18–10 1.4312 GX10CrNi18-10 1.4300 X 12 CrNi 18 8 1.4552 GX5CrNiNb19-11

1.4311 X2CrNi18-10 1.4550 X6CrNiTi18-10 1.4308 GX5CrNi19-10

TYPICAL ALL WELD METAL ANALYSIS (%)							
C	Si	M	1n	Cr	Ni		
0,03	0,7	1,	,4	20,0	10,5		
Tensile strength R <sub>m</sub> Yi <sub>N/mm²</sub>		Yield str N∕	eld strength R <sub>p0,2</sub> . N/mm²		jation A <sub>5</sub> %	Impact strength (J)	
620		460			36	32 @ -196° C	

## FORMS OF DELIVERY

Diameter	Units	Shielding gas
0,9 1,2 1,6	BS 300 BS 300 BS 300	Argon + Co <sub>2</sub> Argon + Co <sub>2</sub> Argon + Co <sub>2</sub>

Other dimensions on request

CORODUR Fülldraht GmbH may change the characteristics of the wire without notice. Statements on composition and application are just for the applier's information. Statements on mechanical properties always refer to the all-weld-metal according to valid standards. We recommend the applier to check our products for their special application autonomously.

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